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NOCICEPTIVE NEURON SPECIFIC...

Applicants: Diane Lipscombe, et al.

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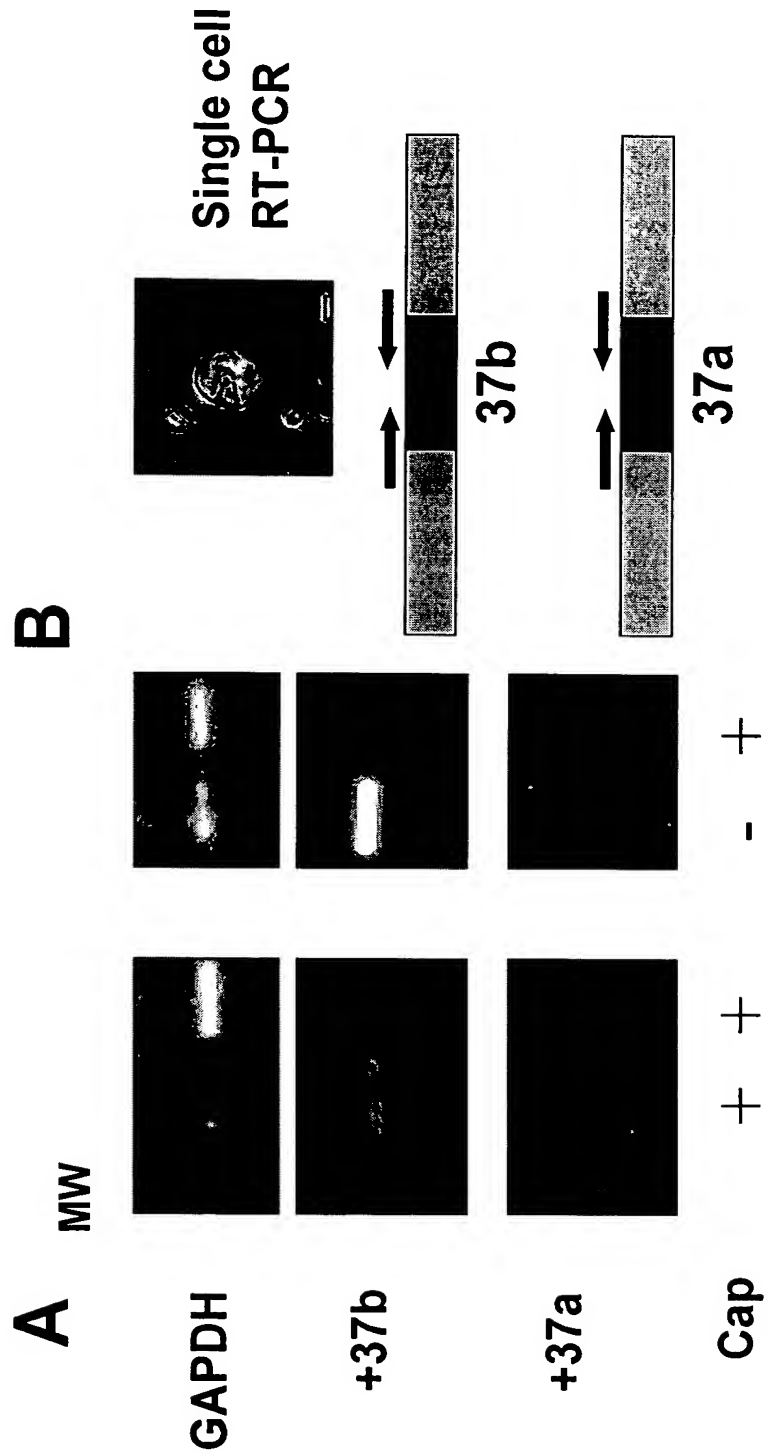
37a, 37b



+37a +37b

Fig. 1

Fig. 2



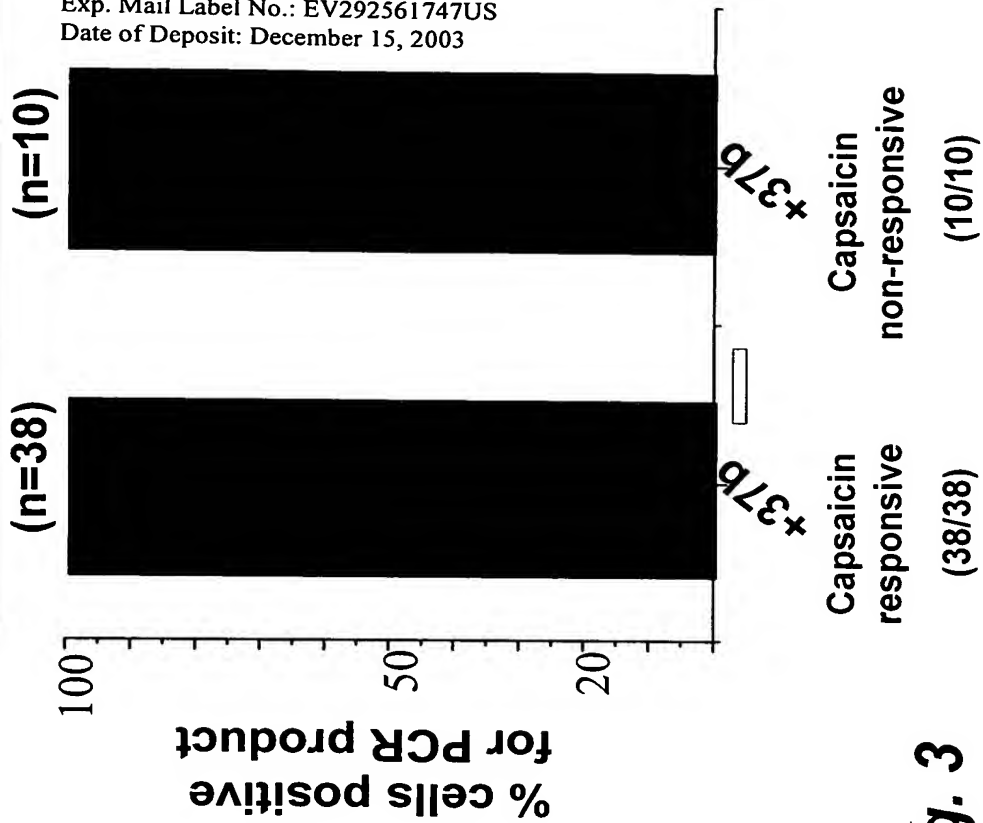
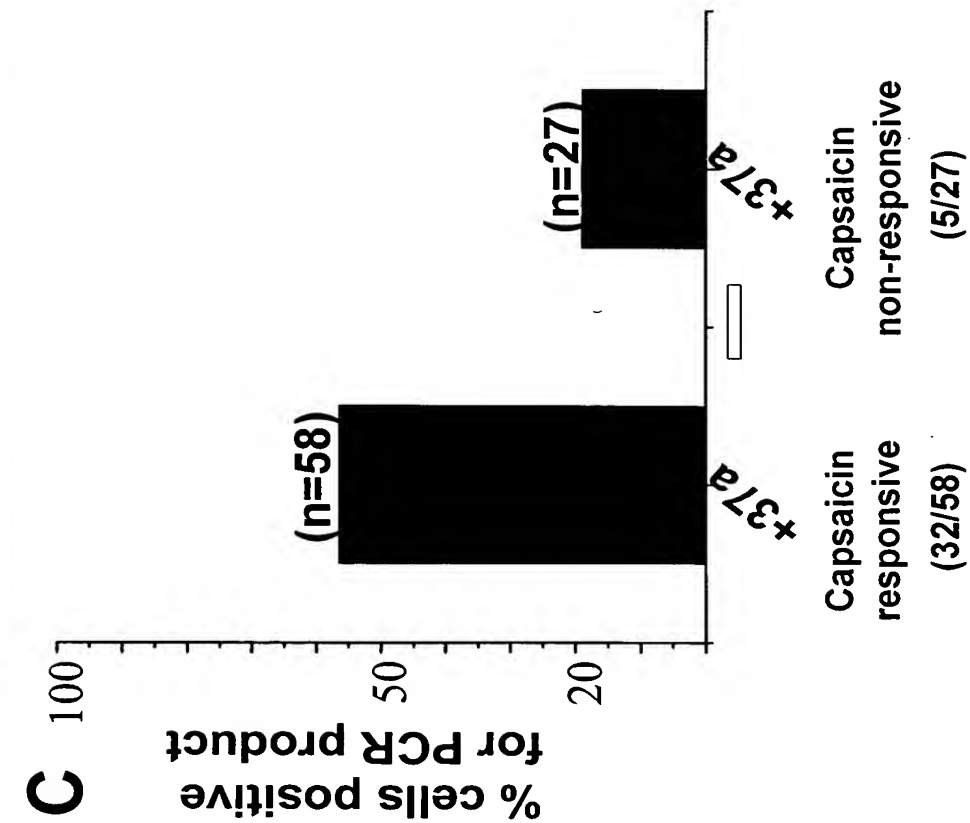
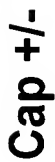


Fig. 3

Fig. 4

A

Whole cell
calcium current

B

Apply ω -Ctx GVIA

C

N-type calcium current

D

Apply capsaicin

responsive

non-responsive

capsaicin

collect cell

E

10 s

500 pA

single cell RT-PCR

1. GAPDH (control) 2. $Ca_v2.2$ e37a 3. $Ca_v2.2$ e37b

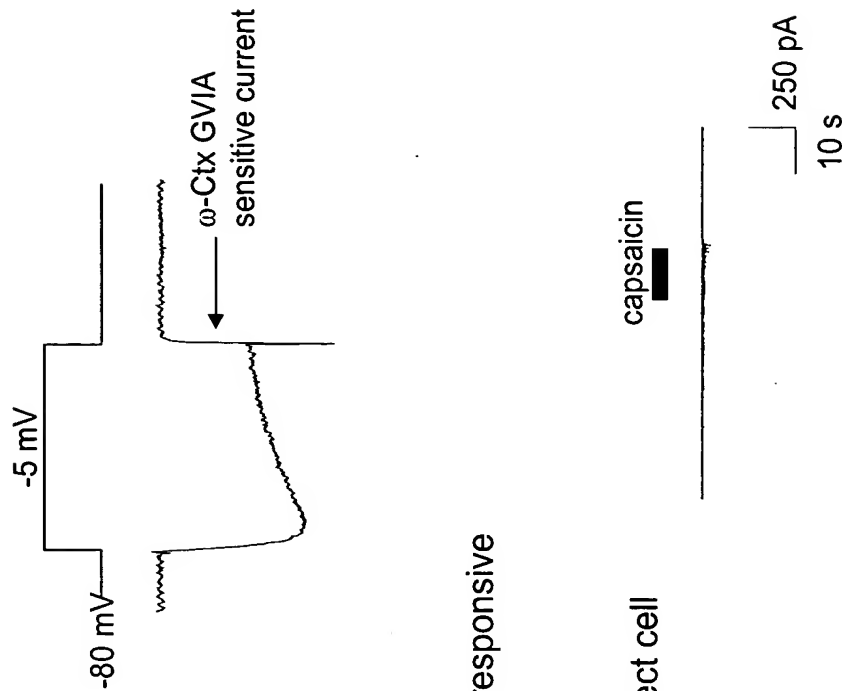


Fig. 5

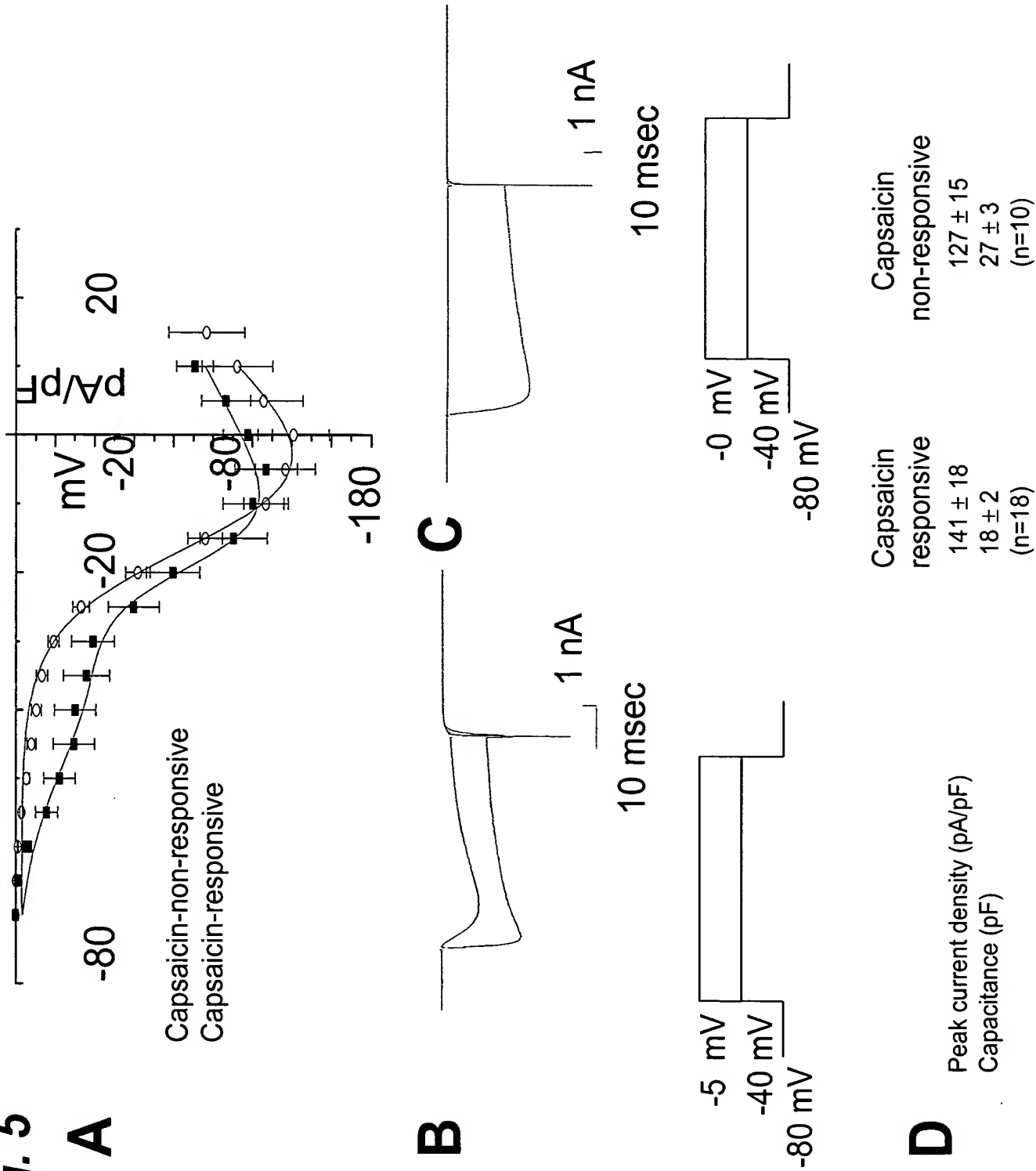
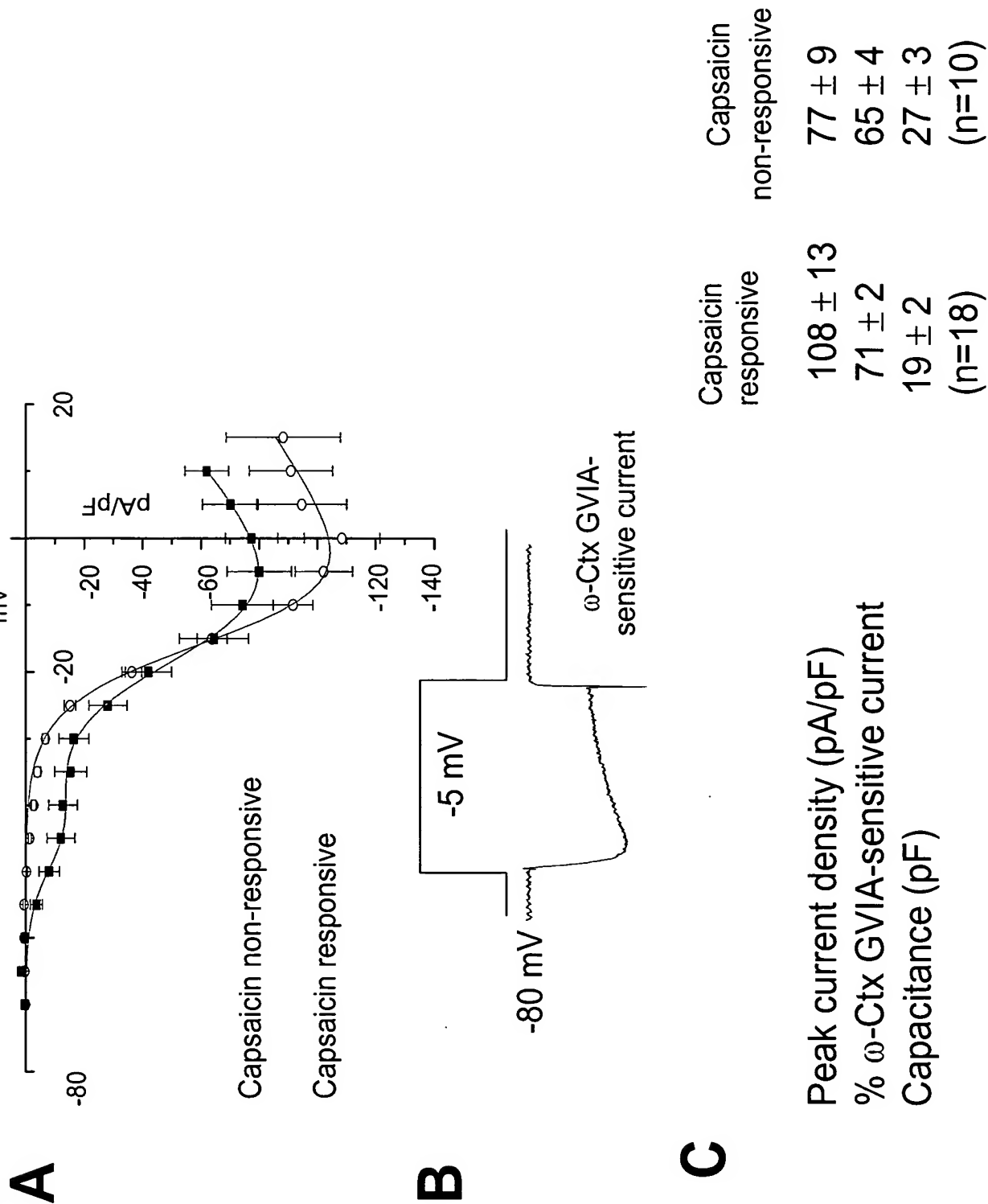


Fig. 6



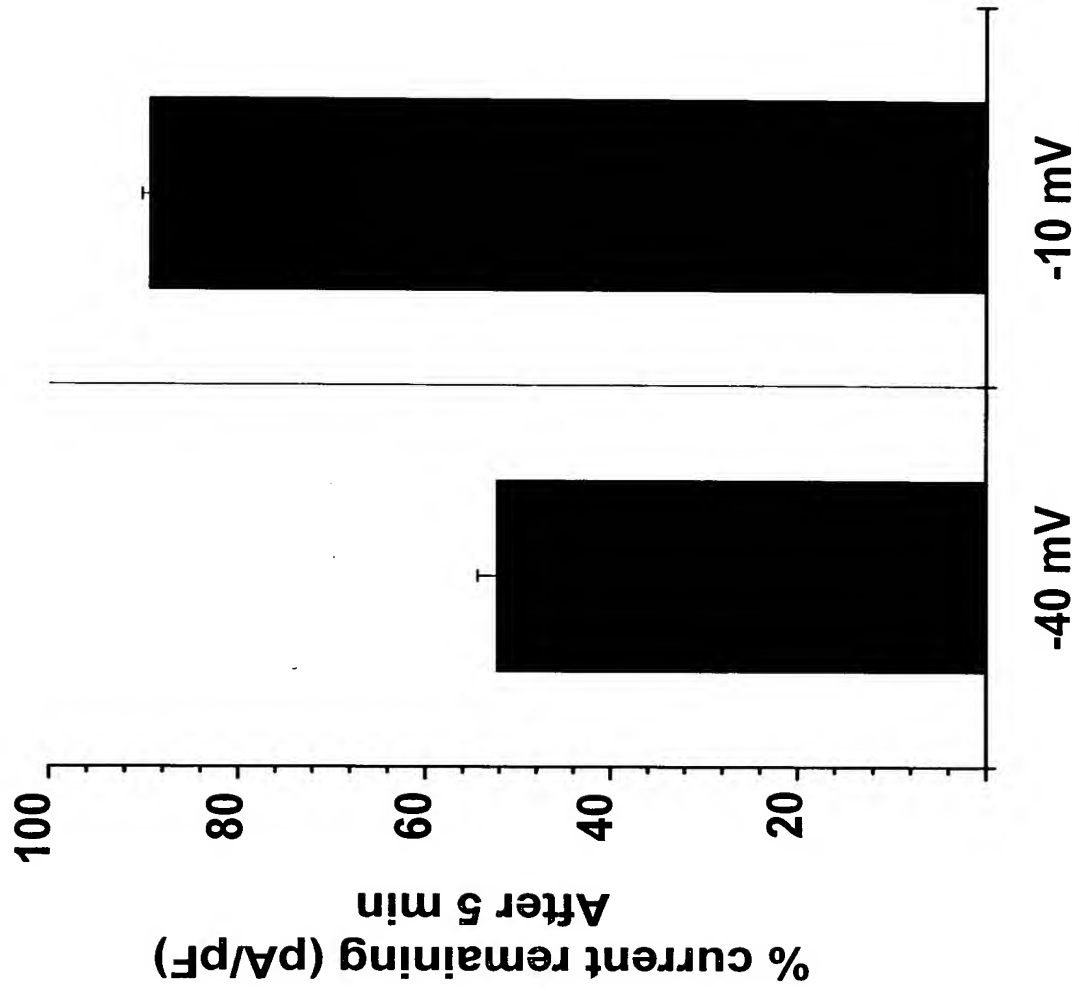


Fig. 7

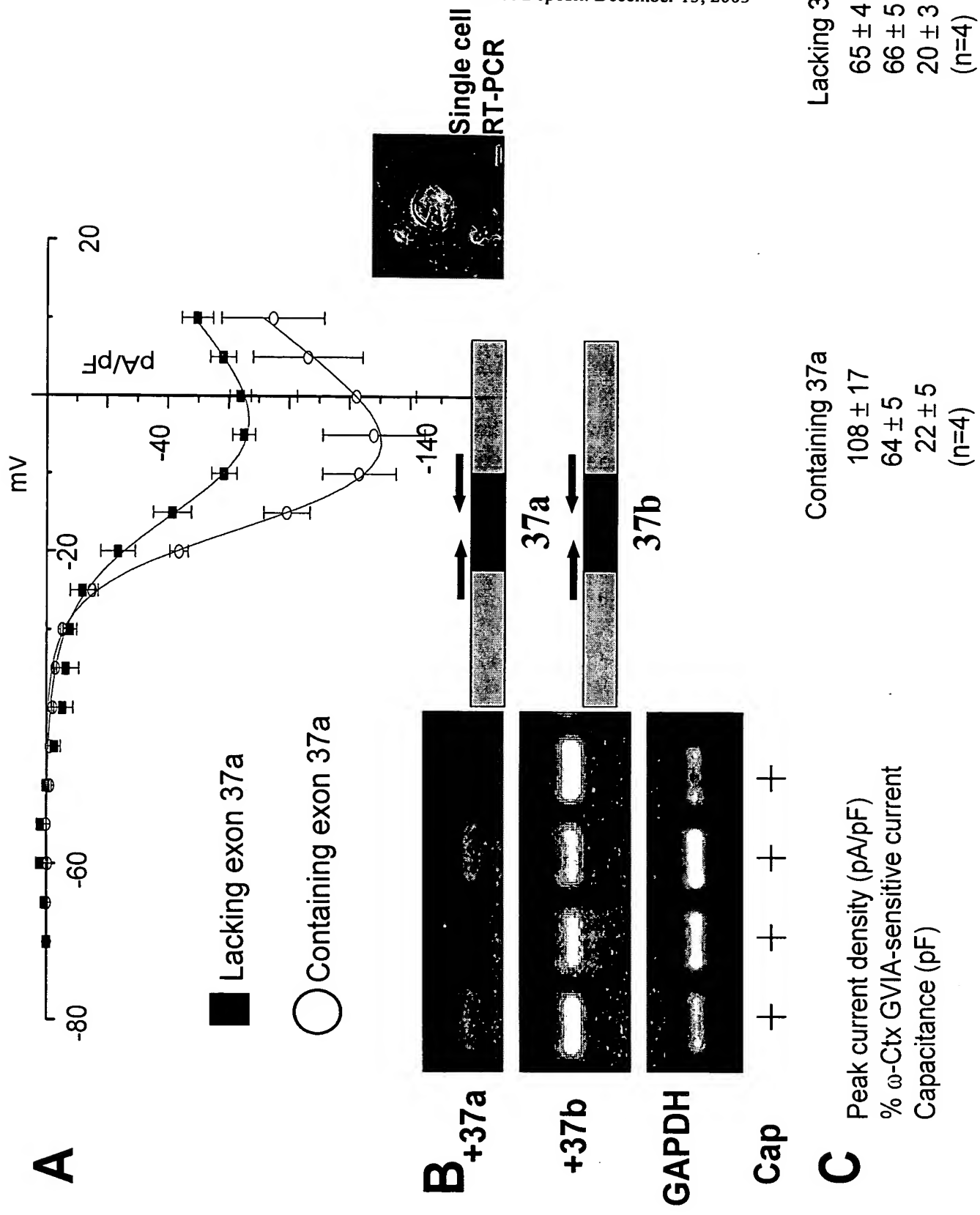
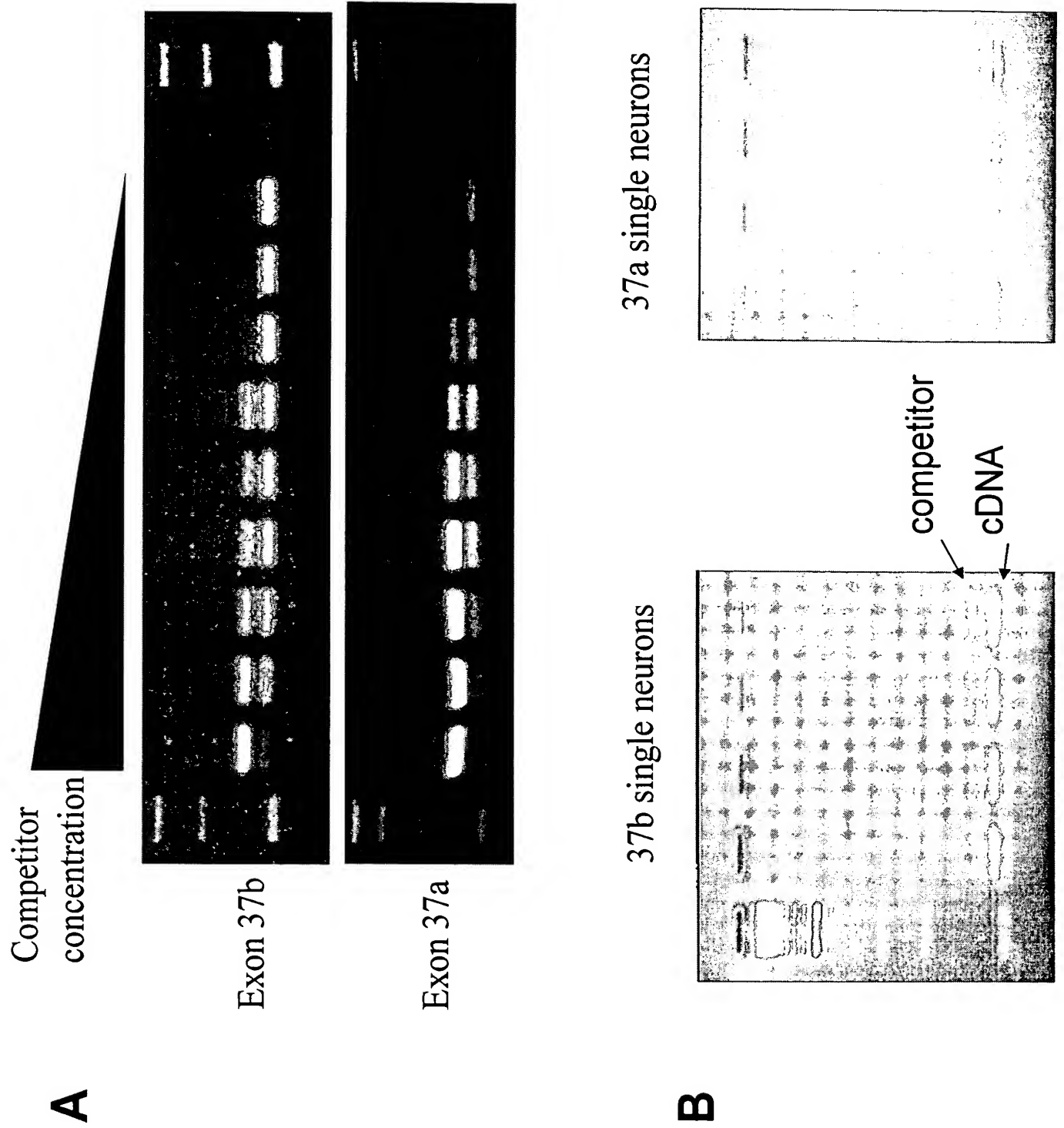


Fig. 8

Fig. 9



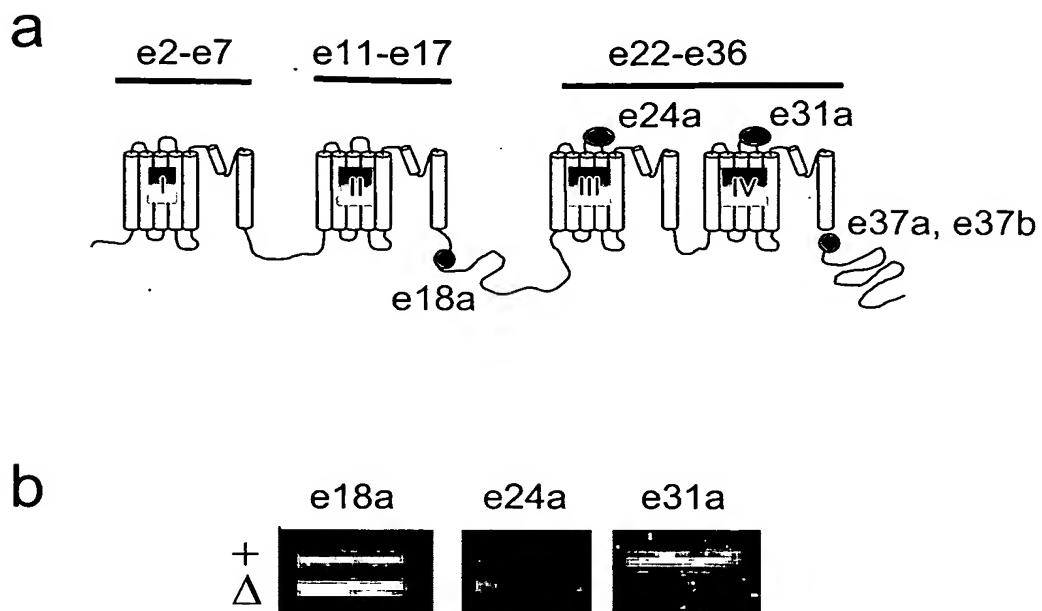


Fig. 10

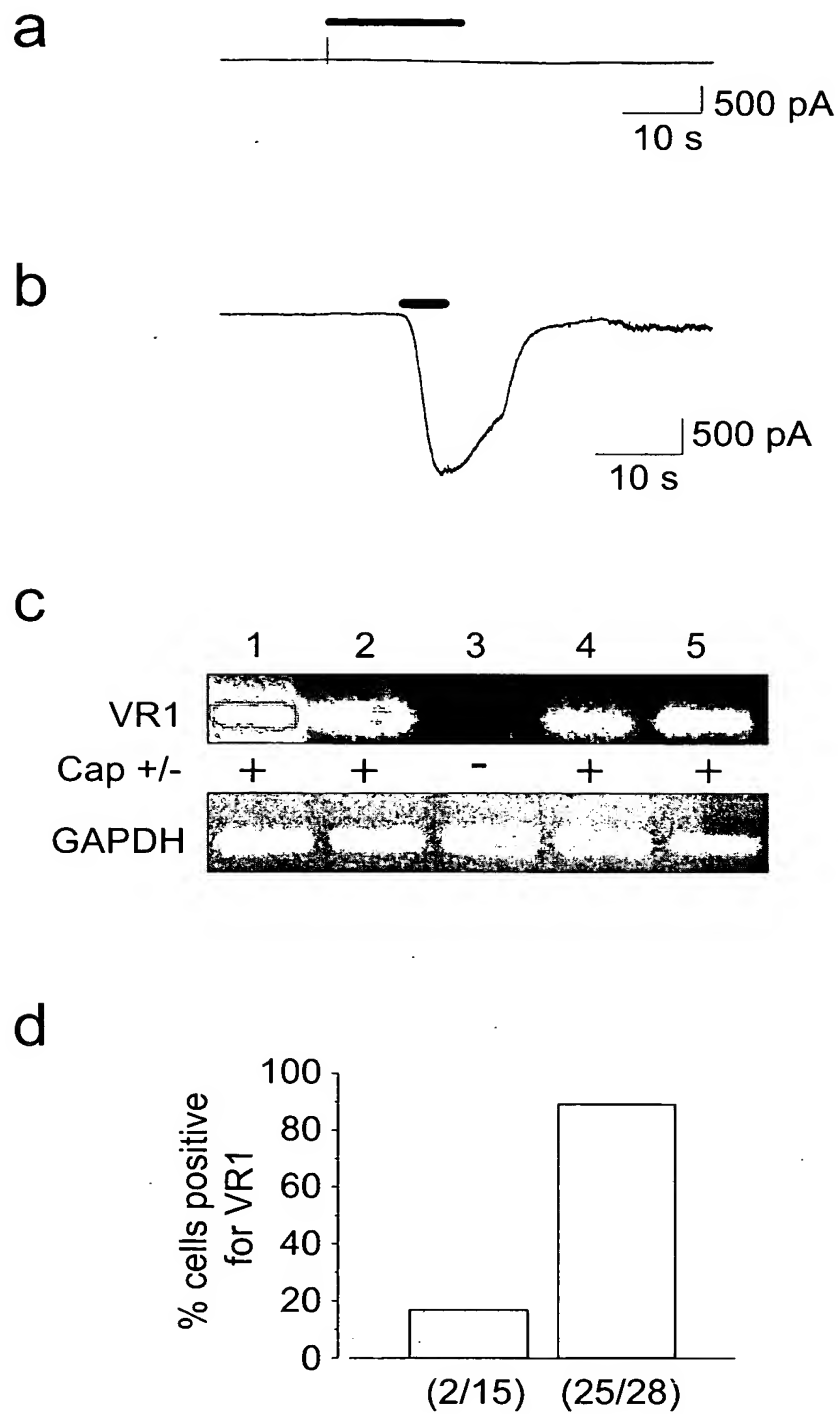


Fig. 11

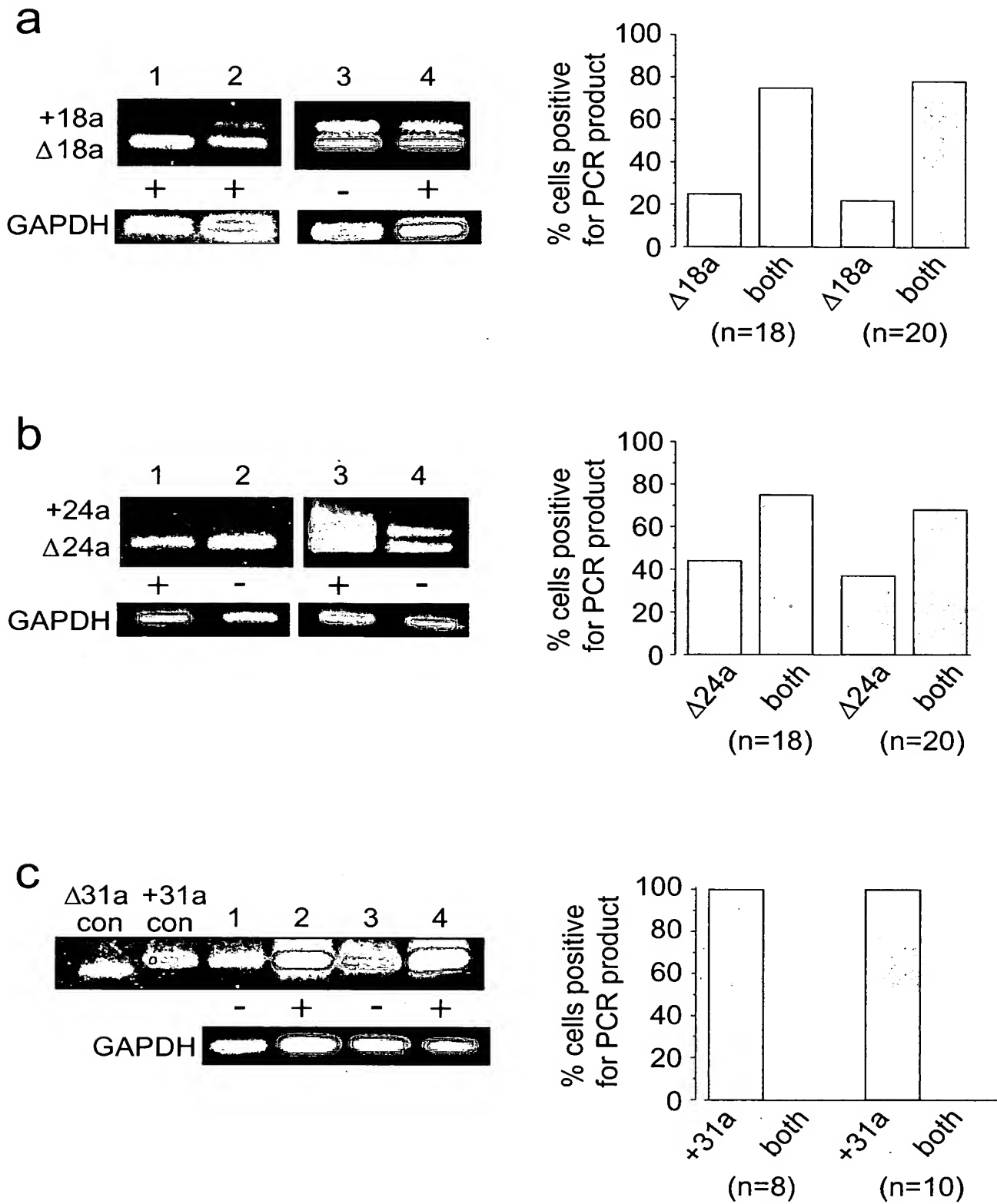
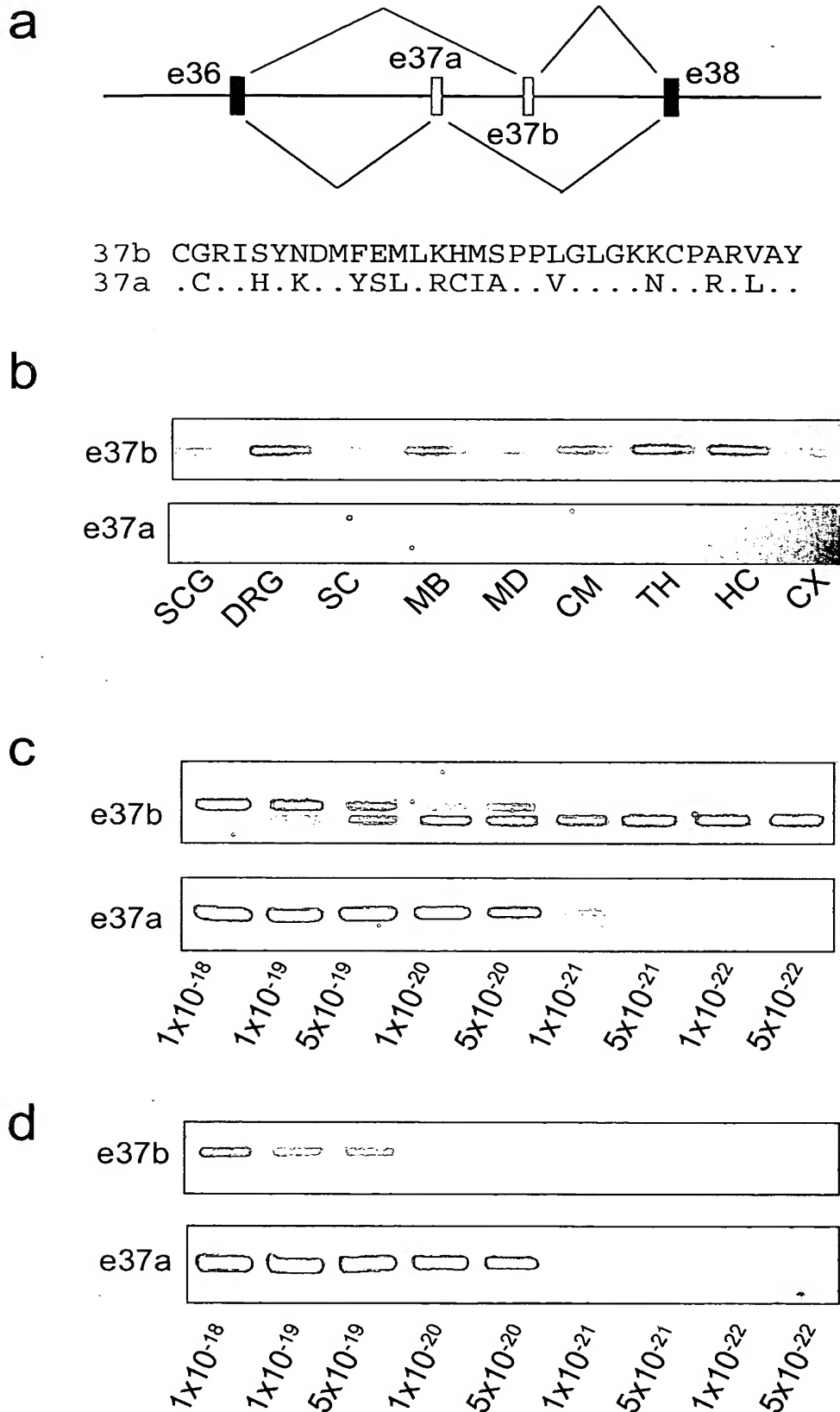


Fig. 12

Fig. 13



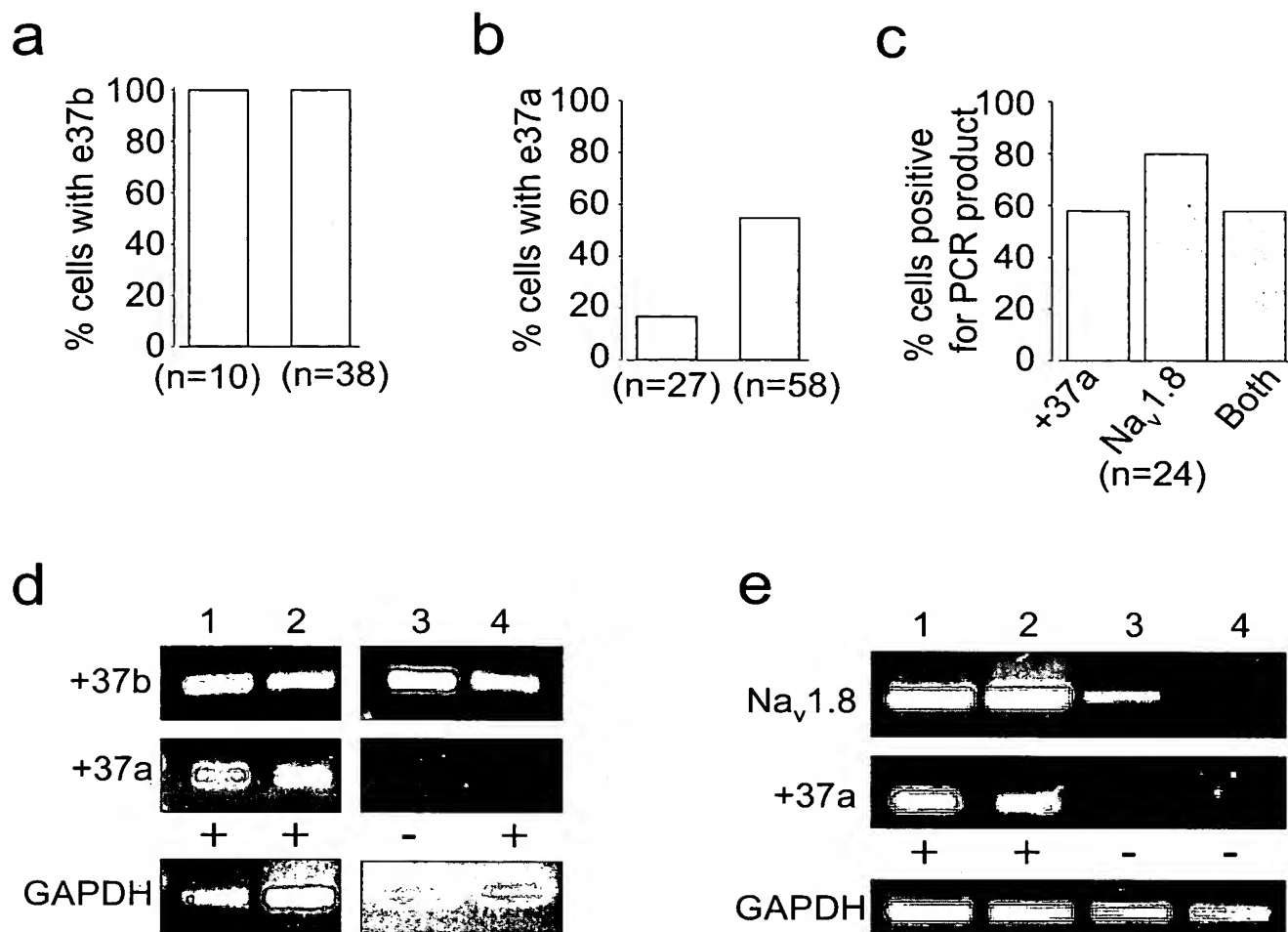


Fig. 14

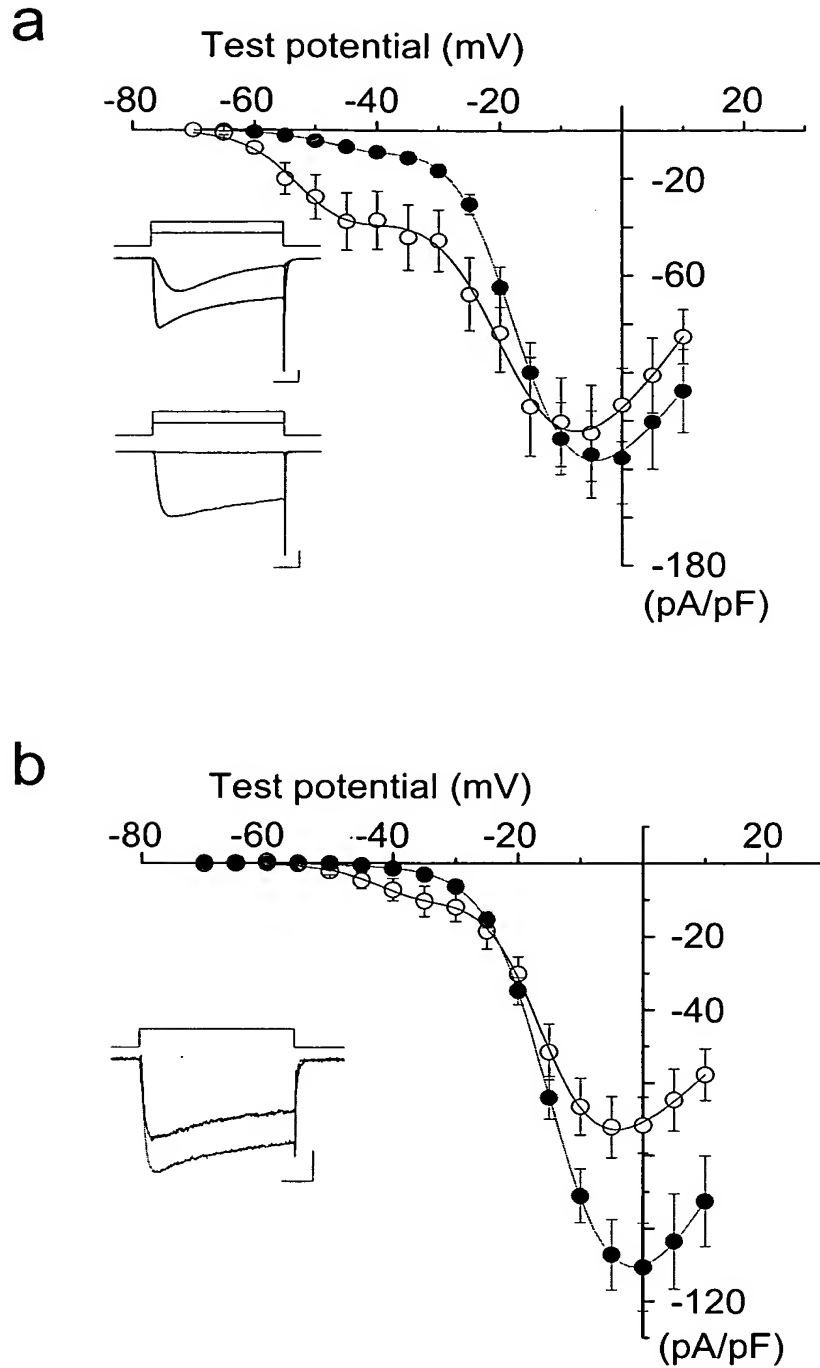
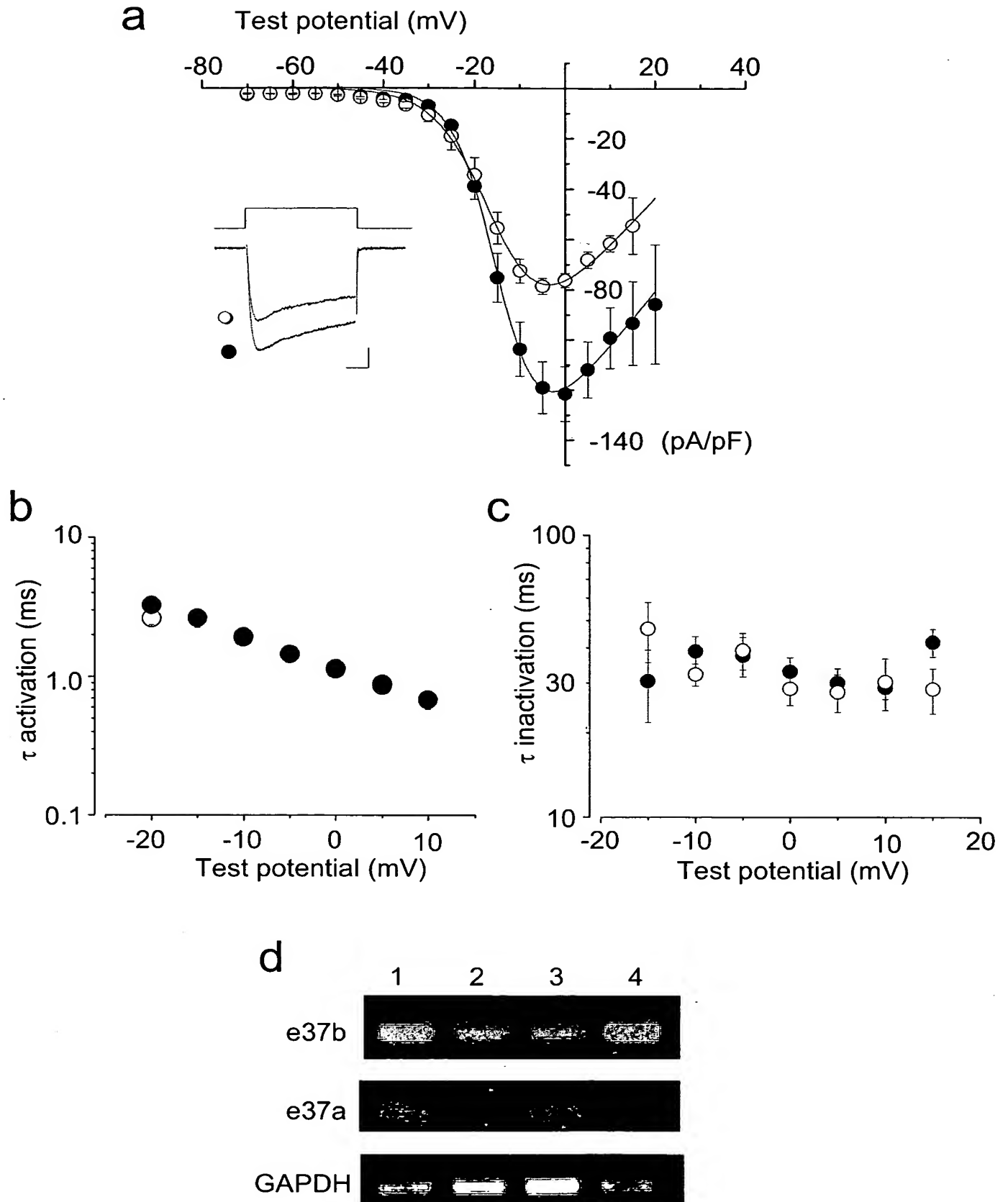


Fig. 15

Fig. 16



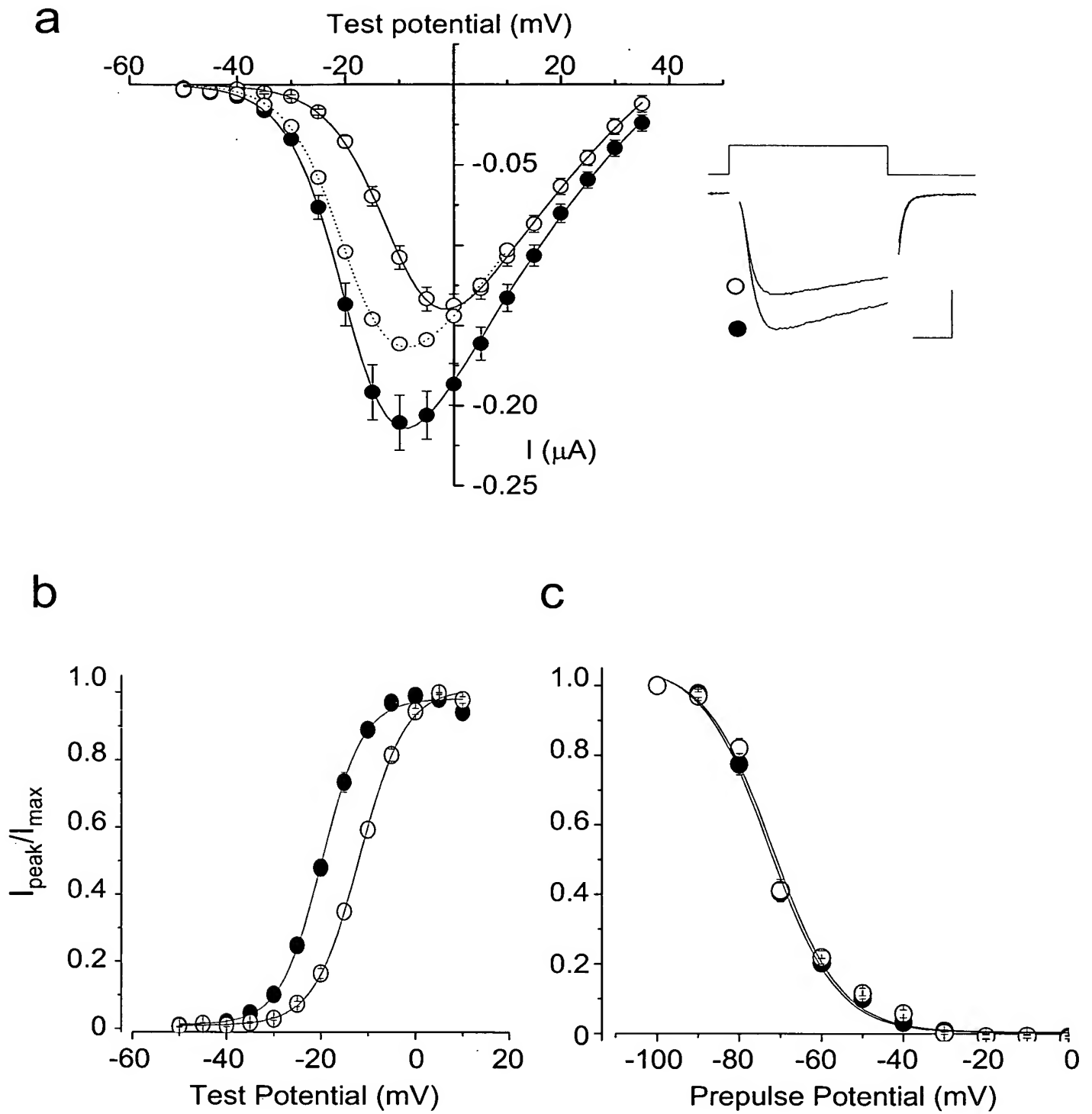


Fig. 17